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ABSTRACT OF THE DISCLOSURE

A parts suction head includes: a motor for generating a rotary force and transmitting the rotary force to a rotation central axis; a ball spline unit for performing a rotation movement and vertical reciprocation; a rotation shaft unit moved in a vertical direction and rotated, for sucking or mounting a parts; and a plurality of couplings for transmitting the rotary force of the rotation central axis of the motor to the ball spline unit, and transmitting the rotary force of the ball spline unit to the rotation shaft unit. Therefore, the rotation central axes can be easily aligned by connecting the motor, the ball spline unit and the rotation shaft unit by using the couplings.